Acer Chromebook 11

User's Manual

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Chromebook 11 User's Manual
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Product Registration

When using your product for the first time, it is recommended that you immediately register it. This will give you access to some useful benefits, such as:

- Faster service from our trained representatives.
- Membership in the Acer community: receive promotions and participate in customer surveys.
- The latest news from Acer.

Hurry and register, as other advantages await you!

How to register

To register your Acer product, please visit **www.acer.com**. Select your country, click **Register a product** and follow the simple instructions.

After we receive your product registration, you will be sent a confirmation email with important data that you should keep in a safe place.

Obtaining Acer accessories

We are happy to inform you that Acer's warranty extension program and notebook accessories are available online. Come and visit our online shop and find what you need at **store.acer.com**.

The Acer store is being progressively rolled out, and, unfortunately may not be available in some regions. Please check back regularly to see when it will be available in your country.

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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Table of contents

Getting started 6

Turn on your Chromebook 6
Select your language settings 6
Connect to a network 6
    Accept the Terms of Service 6
Sign in to your Google Account 6
    Create a new Google Account 7
    Browse as a guest 7
    Set your account picture 7

Your Acer Chromebook tour 8

Front view 8
Keyboard view 9
    Function Keys 10
    Touchpad 11
Left side view 11
Right side view 12
Rear view 12
Bottom view 13
Environment 13

The Chrome OS Desktop 14

Desktop overview 14
    Window controls 14
    Launcher 15
    Status area and settings 15

Apps 16

Managing apps 16
    Installing apps in Chrome OS 16
    Removing apps from Chrome OS 16
    Customizing apps pinned to the launcher 16
Google Drive 16
    Sync files from Downloads to Google Drive 16
    Enable offline access to Google Drive files 18
Gmail 18
    Composing an email 18
Google Docs 18

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English

Creating a new document 18
YouTube 18
Playing video or audio files 19
Other Supported File Types 19
Chrome Web Store 19
Installing new apps from the Chrome Web Store 19
Chrome OS tips and tricks 20
How to create documents 20
How to share documents with other users 21
How to start a video chat 21
How to listen to music 22
How to watch videos, TV, or movies 23
How to open Microsoft Word and Excel documents 24
How to use your Chromebook when there's no internet ... 24

Settings 26
Changing the language settings 26
Changing the clock settings 27
Customizing appearance 27
Customizing the wallpaper 27
Customizing the theme 27
Setting up a printer 28
Updating Chrome OS 28
Automatic update 28
Manual update 28

Help 29
Online and offline help 29

Information for your safety and comfort 30
Safety instructions 30
Radio frequency interference 34
Medical devices 35
Vehicles 35
Potentially explosive environments 36
Emergency calls 36
Disposal instructions 36
Tips and information for comfortable use 37

Regulations and safety notices 40
FCC notice 40
LCD pixel statement 41

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Radio device regulatory notice 41
General 42
European Union (EU) 42
The FCC RF safety requirement 43
Canada — Low-power license-exempt
radio communication devices (RSS-210) 43

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Getting started

Turn on your Chromebook

On the Chromebook, the power button is located at the upper-right corner of the keyboard. A "connect" screen will appear when the Chromebook first boots up.

Select your language settings

Use the "Select your language" drop-down list to choose your default language setting. If there is more than one way to type in your language, you may be prompted to select a keyboard input method as well.

Connect to a network

Select a wireless network from the "Select a network" list to connect to the Internet. If network access is protected, you will need an access password to connect to it.

Accept the Terms of Service

Once connected to a network, accept the Terms of Service. Your Chromebook will then download any available system updates, so you automatically get the latest Chrome OS features.

Sign in to your Google Account

If you already have a Google Account, enter your username and password in the sign-in box that appears and click on the **Sign in** button.

Sign in
Google
Email
Acerguides@gmail.com
Password
Sign in
If you don't have a Google Account you can Create a Google Account now.
You may also skip sign in and Browse as Guest.

Important: Sign in with your primary Google Account. This account will be set as the owner and is the only account that will be able to change certain Chrome settings.

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Create a new Google Account

You can create a new Google Account if you don't already have one. Click **Create a Google Account** to set up a new account. A Google Account gives you access to useful web services developed by Google, such as Gmail, Google Docs, and Google Calendar.

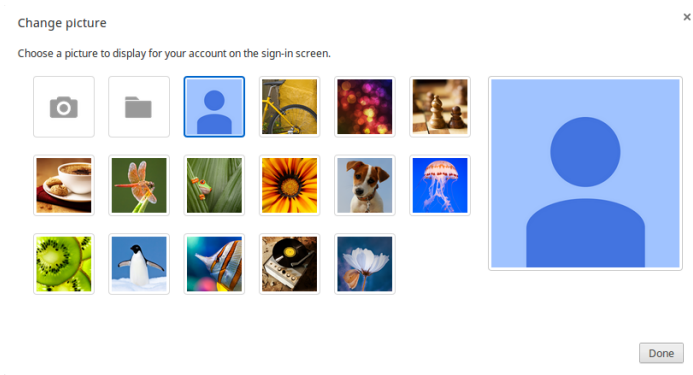
Browse as a guest

You can also use the Chromebook without a Google Account by clicking **Browse as a Guest**.

Set your account picture

This picture will represent your account on the main sign-in screen and status area. If you like, you can use the Chromebook's built-in webcam to take a photo. If you don't want to take a photo at this time, you can choose an icon instead. You can always update your picture after you've signed in.

Also, your Chromebook is integrated with your Google account profile. After signing in with your Google account you have the option of choosing your Google account profile picture.



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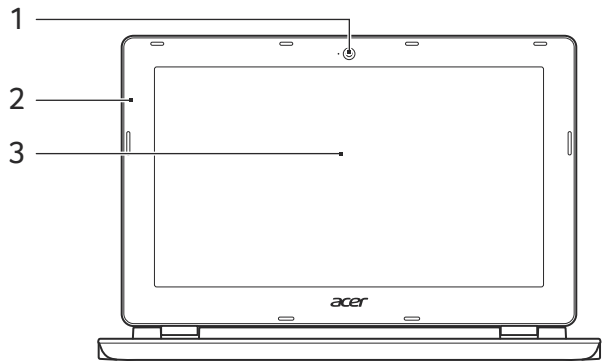
Your Acer Chromebook tour

Now that you are done setting it up, let us show you around your new Acer Chromebook.

Front view



#	Icon	Item	Description
1		Webcam	Web camera for video communication. *A light next to the webcam indicates that the webcam is active.*
2		Microphone	Internal microphone for sound recording.
3		Screen	Displays computer output.

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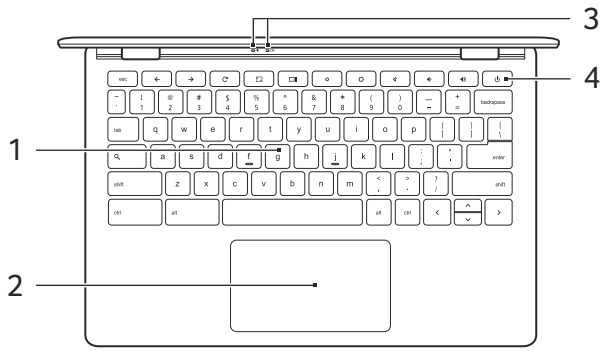
Keyboard view



#	Icon	Item	Description
1		Keyboard	For entering data into your computer.
2		Touchpad / click button	Touch-sensitive pointing device which functions like a computer mouse. *Pressing down anywhere on the pad functions like the left button of a mouse.* *Pressing down anywhere with two fingers functions like the right button of a mouse.*
3		Power indicator	Indicates the computer's power status.
		Battery indicator	Indicates the computer's battery status. ***1. Charging:*** *The light shows amber when the battery is charging.* ***2. Fully charged:*** *The light shows blue when in AC mode.*
4		Power key	Turns the computer on and off.

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Function Keys

The computer uses function keys or key combinations to access some hardware and software controls, such as screen brightness and volume. The dedicated function keys each have a specific function..

Icon	Function	Description
	Previous	Go to the previous page.
	Next	Go to the next page.
	Reload	Reload the current page.
	Full-screen	Open the page in full-screen mode.
	Next window	Switch to the next window.
	Brightness down	Decreases the screen brightness.
	Brightness up	Increases the screen brightness.
	Mute	Turns off audio output.
	Volume down	Decreases the volume.
	Volume up	Increases the volume.
	Search	Search from the Apps list.

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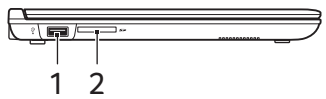
Touchpad

The built-in touchpad is a pointing device that senses movement on its surface. This means the cursor responds as you move your fingers across the surface of the touchpad.

Action	Gesture
Click	Press down on any part of the touchpad.
Right-click	Press the touchpad with two fingertips.
Scroll	Place two fingers on the touchpad and move them up and down to scroll vertically, left and right to scroll horizontally.
Drag and drop	Click the item you want to move with one finger. With a second finger, move the item. Release both fingers to drop the item.

Left side view



#	Icon	Item	Description
1		USB port	Connects to USB devices. *If a port is black it is USB 2.0 compatible, if it is blue it is also USB 3.0 compatible.*
2		SD™ card reader	Accepts Secure Digital (SD™) cards. ***Note:*** *Push to remove/install the card. The card reader uses one card at a time.*

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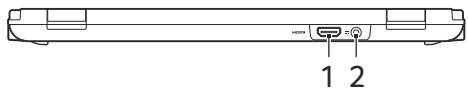
Right side view

#	Icon	Item	Description
1		Headset/speaker jack	Connects to audio devices (e.g., speakers, headphones), or a headset with microphone.
2		USB port	Connects to USB devices. *If a port is black it is USB 2.0 compatible, if it is blue it is also USB 3.0 compatible.*

Rear view



#	Icon	Item	Description
1	HDMI	HDMI port	Supports high-definition digital video connections.
2		DC-in jack	Connects to the AC adapter.

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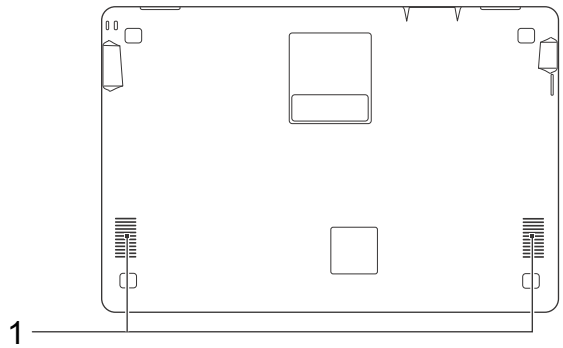
Bottom view



#	Icon	Item	Description
1		Speakers	Left and right speakers deliver stereo audio output.

Environment

- Temperature:
  - Operating: 5 °C to 35 °C
  - Non-operating: -20 °C to 65 °C
- Humidity (non-condensing):
  - Operating: 20% to 80%
  - Non-operating: 20% to 80%

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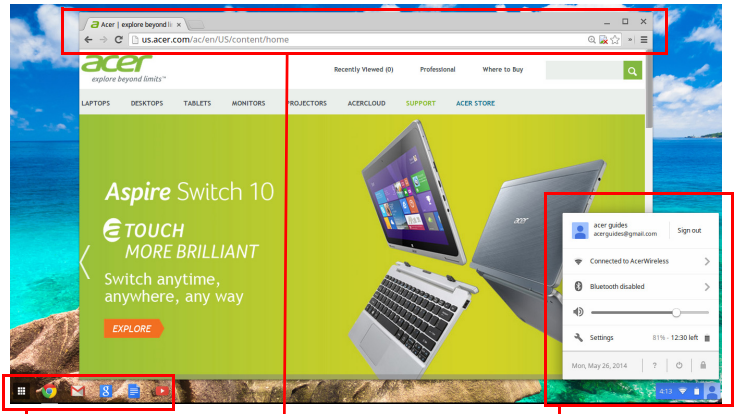
The Chrome OS Desktop

Desktop overview



Window controls

Icon	Description	Icon	Description
	Close a tab		Open a new tab
	Minimize, maximize, or dock the window on the left or right		Close the window
	Back to the previous page		Go to the next page
	Reload the page		Search
	Bookmark		Chrome controls

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Launcher

Icon	Description	Icon	Description
	Google Chrome		Gmail
	Google Search		YouTube
	Google Drive		Apps list

Status area

Icon	Description	Icon	Description
	Chrome OS help		Shut down
	Lock screen		Settings
	Battery status		Volume control
	Bluetooth status		Wireless network connection

Note: Specifications vary. Some icons may not be applicable to your Chromebook.

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Apps

Managing apps

Installing apps in Chrome OS

See **"Installing new apps from the Chrome Web Store" on page 19**.

Removing apps from Chrome OS

1. Click the Apps list button ( ).
2. Right-click (click with two fingers) on the app you want to remove.
3. Select **Remove from Chrome**.

Customizing apps pinned to the launcher

1. Click the Apps list button ( ).
2. Right-click (click with two fingers) on the app you want to add to the launcher.
3. Select **Pin to shelf**.

To reorder the apps on the shelf, just drag them around.

Google Drive

All files saved to your *Google Drive* are saved online and are accessible to other devices, such as your smartphone or tablet. Files saved to the *Downloads* folder are saved to your local drive and are only accessible to your Chromebook.

Note: You must be connected to the Internet to do the following Google Drive operations.

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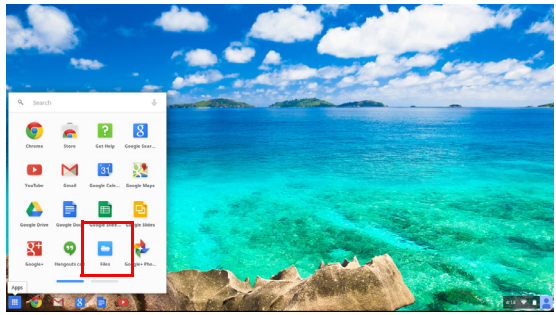
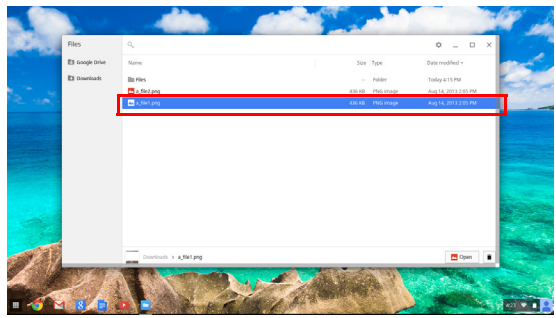
Sync files from Downloads to Google Drive

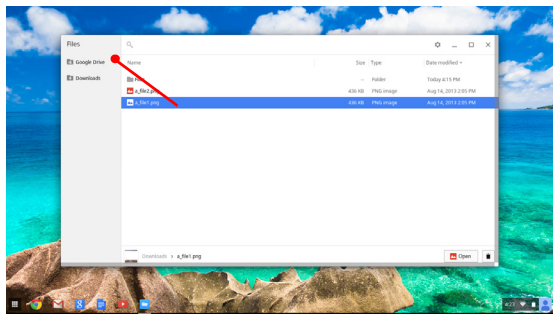
1. In the Apps list, click on the **Files** icon.



2. If this your first time accessing your Google Drive, click on the *Google Drive* icon to enable access.
3. Once your Google Drive is enabled, select the files that you want to upload.



4. Drag-and-drop the files on to *Google Drive*.



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Enable offline access to Google Drive files

You can access files stored on your Google Drive while offline, but first you must enable offline access:

1. In the Apps list, click on the **Files** icon, then click on **Google Drive**.
2. Select the file (s) you want to access offline.
3. Right-click (press with two fingertips or alt-click) to bring up the context sensitive menu and click on **Available offline**. A check mark will appear to indicate the file is available offline.

Gmail

Composing an email

1. From the launcher, click on the **Gmail** icon.
2. Click **COMPOSE**.
3. Enter the recipient's email address, the subject, and the message.
4. When you are finished composing your message, click **Send**.

Google Docs

Creating a new document

1. From the Apps list, click on the **Google Drive** icon ( ).
2. Click on **CREATE** and select the type of document you want to create.

YouTube

YouTube is a video-sharing website on which users can upload, share and view videos. You can access it by clicking the **YouTube** icon from the launcher.

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Playing video or audio files

Your Chromebook has a built-in media player to play audio and video files. To play a file, double-click on an audio or video file in your *Files* app.

Media type	Supported formats
Audio / Video	.3gp,.avi, .mov, .mp4, .m4v, .m4a, .mp3, .mkv, .ogv, .ogm, .ogg, .oga, .webm, .wav

Other Supported File Types

Your Chromebook supports a number of other file formats.

File type	Supported formats
Microsoft Office files	.doc, .docx, .ppt, .pptx, .xls, .xlsx – (all read-only)
Images	.bmp, .gif, .jpg, .jpeg, .png, .webp
Compressed	.zip, .rar, .tar, .tar.gz (.tgz), .tar.bz2 (.tbz2)
Other	.txt, .pdf

Chrome Web Store

Installing new apps from the Chrome Web Store

1. Click the Apps list icon (⊞) and then click on **Chrome Web Store**.
2. You can then browse through the app categories in the left column or search for a specific type of app using the search box.
3. When you find an app that you would like to add, hover your mouse over it and then click on **ADD TO CHROME**.
4. A verification window will pop up, click on **Add** to download and install the app, or click on **Cancel**.
5. To open your new app, click the Apps list icon (⊞) and then click on the app.

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Chrome OS tips and tricks

Your Chromebook is a new type of computer that works somewhat differently than what you may be used to, so you might like to know how easy and useful things are when using it. Here are some tips and tricks.

How to create documents

1. Press the **Search** key on your keyboard.

Press

2. Click on **Google Docs**.

Click

That's it. You've just created a new document in less than one second. With your new document, you can add text, insert images, change the font, make it bold, underline it, italicize it – you get the gist. You can also click **Google Sheets** to create spreadsheets and **Google Slides** to create presentations.

Click
or

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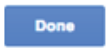
How to share documents with other users

1. Click the **Share** button in the upper right corner of your document.

Click

2. Add people by typing in their email address.

3. After you click **Done**, they'll receive an email letting them know a document has been shared with them.

Click


To find your document later, click on the **Google Drive** icon – this opens Google Drive, which shows you a list of your files and folders. You can search for files by name at the top of the screen.

How to start a video chat

1. Press the **Search** key and click on the **Hangouts call** icon.

Press	Click
	>

2. Type in the name or email address of a person.

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3. Click the **Submit** button to start your Hangout.

Click

For all you Skype users out there, Google+ Hangouts are free video chats for up to ten people.

How to listen to music

Google Play Music

1. Press the **Search** key and click **Google Play Music.**

Press	Click
>	

2. To discover or buy songs, use the search box at the top.

3. To play a song, just double click on it.

4. All of the music you upload or buy will be saved under **My Music.**

For other streaming apps like Pandora, Spotify, Rdio, Deezer and more (availability varies by country):

1. Press the **Search** key and click on **Store** to go to the Chrome Web Store, then do a search for **Pandora** or other music apps.

Press	Click
>	

2. When you find what you want, click the **Add to Chrome** button.

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How to watch videos, TV, or movies

YouTube

1. Press the **Search** key, click **YouTube** and you're ready to roll.

Press	Click
>	

Google Play Movies & TV

1. Press the **Search** key and click **Google Play Movies & TV.**

Press	Click
>	

To find more entertainment apps like Netflix, Flixster, and more (availability varies by country):

1. Press the **Search** key and click **Store.**

Press	Click
>	

2. Select **Entertainment** on the left side.
3. Choose **TV & Movies.**

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How to open Microsoft Word and Excel documents

1. Press the **Search** key and click **Files.**

Press	Click
	>

2. Double click on any **Microsoft Office** file stored in Google Drive or on an external hard drive or USB flash drive connected to your Chromebook.

You can convert Microsoft Word and Excel files into Google Drive Documents and Spreadsheets and edit them. You can also export Google Drive documents and spreadsheets as Microsoft Office files.

How to use your Chromebook when there's no internet

Gmail:

1. Press the **Search** key and click on **Store** to go to the Chrome Web Store, then search for **Gmail Offline** in the upper left corner search box, and add it.

Press	Click
	>

2. The next time you find yourself offline, press the **Search** key

Press

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3. Click **Gmail Offline** to open it, and use Gmail like you normally would. It'll update and send your emails the next time you log on to the internet.

Click

Google Docs, Sheets, and Slides:

1. When you open Google Drive while connected to the internet, it will automatically enable Offline Drive.

2. Once the process completes, the next time you want to create a document offline, simply press the **Search** key and click on **Google Docs**, **Google Sheets**, or **Google Slides**.

Find other useful offline apps at the Chrome Web Store by pressing the **Search** key and clicking on **Store.** When the Chrome Web Store opens, click on **Collections** in the left column and then **Offline Apps**.

The **Get Started** app and **Help** on your Chromebook have a lot of additional very useful information. They are well worth a look.

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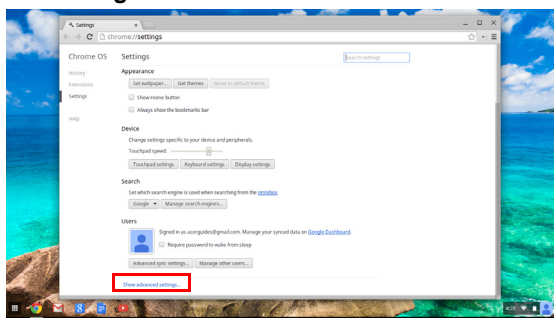
Settings

Use the settings menu to adjust the various options for your Chromebook. To access the settings menu:

1. Click on the status area of the shelf, in the lower-right corner of the screen, where your account picture appears.
2. Click on **Settings**.

3. To show the advanced settings, scroll to the bottom and click on **Show advanced settings**.



Changing the language settings

1. Click the status area in the lower-right corner, where your account picture appears.
2. Click on **Settings**.
3. Click on **Show advanced settings**.
4. Scroll down and click on **Customize languages and input**.
5. Click on **Add** to add additional languages.

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6. To enable a language for keyboard input, select the checkbox next to the language after adding it.
7. Click on **OK** when finished.

Changing the clock settings

You can change the time format and time zone on your Chromebook. If the date or time is incorrect on your Chromebook, try adjusting the time zone.

To change the time zone:

1. Click the status area in the lower-right corner, where your account picture appears.
2. Click on **Settings**.
3. Click on **Show advanced settings**.
4. Scroll down and click on the drop down box next to **Time zone**.

Customizing appearance

Customizing the wallpaper

1. Click the status area in the lower-right corner, where your account picture appears.
2. Click on **Settings**.
3. Click on **Set wallpaper**.
4. Select a preloaded wallpaper or click **Browse** to select your own image. You can also choose **I'm feeling lucky** to have the wallpaper change randomly.
5. Once selected, click **OK**.

Customizing the theme

1. Click the status area in the lower-right corner, where your account picture appears.
2. Click on **Settings**.
3. Click on **Get themes**.
4. You'll be taken to the Chrome Web Store, where you can find extra resources for the Chrome browser.
5. Once you find a theme that you'd like to try out, click **Choose theme**.

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Setting up a printer

You can use the Google Cloud Print service to send print requests to your printer. Not all printers are supported.

To learn more about Google Cloud Print and how to set up your printer, connect to the Internet to access the more extensive online help from **"Online and offline help" on page 29** and then search for **Google Cloud Print**.

Updating Chrome OS

Automatic update

Each time you turn on your Chromebook, it automatically checks for updates. When an update is available, this update icon ( ) will appear in the status area. To apply the update:

1. Click the status area of the shelf in the lower-right corner of the screen where your account picture appears.
2. Click **Restart to update**.
3. Your Chromebook will shutdown and automatically restart, with the update applied.

Manual update

To manually check for an update or check what version of Chrome OS you are using:

1. Click the status area in the lower-right corner, where your account picture appears.
2. Click on **Settings**.
3. In the new tab that opens, click on **Help** in the left column.
4. If any updates are available, they will be displayed on the page.

Warning! Do not modify your Chromebook's hardware yourself. Doing so will cause the update function to no longer work. Please get in touch with your dealer or an authorized service center. Visit www.acer.com to find an authorized service site.

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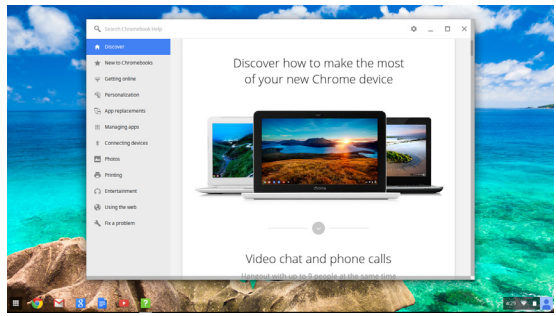
Help

Online and offline help

Additional help is available both online and offline. Help covers basic troubleshooting as well as more detailed information about Chrome OS and using your Chomebook.



To access the help pages:

1. Click the status area of the shelf in the lower-right corner of the screen where your account picture appears.
2. Click on the question mark <**?**>.

Note: If you are connected to the Internet, the more extensive online help will automatically open. Otherwise, the offline help will open.

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Information for your safety and comfort

Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

CAUTION for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the power supply unit:

Install the power supply unit before connecting the power cord to the AC power outlet.

Unplug the power cord before removing the power supply unit from the computer.

If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

CAUTION for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

CAUTION for bundled dummy cards (only for certain models)

Your computer shipped with plastic dummies installed in the card slots. Dummies protect unused slots from dust, metal objects or other particles. Save the dummies for use when no cards are in the slots.

Warnings

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the

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product falls, it could be seriously damaged.

- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices, hard disk drive, optical drive, and even exposure risk from lithium battery pack.
- The bottom surface, areas around ventilation openings and AC adapter may get hot. To avoid injury, ensure they do not come in contact with your skin or body.

Note: Reduce the risk of heat-induced injury or fire by adhering to the following:
1) Do not place the computer or AC adapter on a soft surface, such as a bed.
2) Do not rest the computer or AC adapter on your lap for extended periods.
3) Use the computer on a flat, hard surface, such as a desk.
4) Ensure that the ventilation is not obstructed.

- Your device and its enhancements may contain small parts. Keep them out of the reach of children.
- The surface temperature of the base will rise during normal operation, particularly when AC power is present. Allowing sustained contact with exposed skin can cause discomfort.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this

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product where people will walk on the cord.

- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.

Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- The system can be powered using a wide range of voltages: 100 to 120 or 220 to 240 V AC. The power cord included with the system meets the requirements for use in the country/region where the system was purchased. Power cords for use in other countries/regions must meet the requirements for that country/region. For more information on power cord requirements, contact an authorized reseller or service provider.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- The power cord or plug is damaged, cut or frayed.

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- Liquid was spilled into the product.
- The product was exposed to rain or water.
- The product has been dropped or the case has been damaged.
- The product exhibits a distinct change in performance, indicating a need for service.
- The product does not operate normally after following the operating instructions.

Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Guidelines for safe battery usage

This notebook uses a Lithium-ion battery. Do not use it in a humid, wet or corrosive environment. Do not put, store or leave your product in or near a heat source, in a high temperature location, in strong direct sunlight, in a microwave oven or in a pressurized container, and do not expose it to temperatures over 60° C (140° F). Failure to follow these guidelines may cause the battery to leak acid, become hot, explode or ignite and cause injury and/or damage. Do not pierce, open or disassemble the battery. If the battery leaks and you come into contact with the leaked fluids, rinse thoroughly with water and seek medical attention immediately. For safety reasons, and to prolong the lifetime of the battery, charging will not occur at temperatures below 0° C (32° F) or above 40° C (104° F).

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the operation time becomes noticeably shorter than normal, buy a new battery. Use only the approved batteries, and recharge your battery only with the approved chargers designated for this device.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged. Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

The capacity and lifetime of the battery will be reduced if the battery is left in hot or cold places, such as in a closed car in summer or winter. Always

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try to keep the battery between 15° C and 25° C (59° F and 77° F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is especially limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Wireless devices may be susceptible to interference from the battery, which could affect performance.

Replacing the battery pack

The notebook uses lithium batteries. Replace the battery with the same type as that which came bundled with your product. Use of another battery may present a risk of fire or explosion.

Warning! Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children. Follow local regulations when disposing of used batteries.

Radio frequency interference

Warning! For safety reasons, turn off all wireless or radio transmitting devices when using your laptop under the following conditions. These devices may include, but are not limited to: wireless LAN (WLAN), Bluetooth and/or 3G.

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF (Radio Frequency) exposure guidelines when used normally. It should not contain metal and you should position the device the above-stated distance from your body. To successfully transmit data files or messages, this device requires a good quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with hearing aids

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should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF transmissions.

Pacemakers. Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between wireless devices and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should do the following:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker
- Not carry the device near your pacemaker when the device is switched on.
  If you suspect interference, switch off your device, and move it.

Hearing aids. Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added. Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or

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portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed, and the air bag inflates, serious injury could result. Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders. Do not switch the notebook on when wireless phone use is prohibited or when it may cause interference or danger.

Emergency calls

Warning: You cannot make emergency calls through this device. To make an emergency call you shall dial out through your mobile phone or other telephone call system.

Disposal instructions

Do not throw this electronic device into the trash when discarding.
To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit **www.acer-group.com/public/Sustainability/sustainability01.htm**.

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ENERGY STAR

Acer's ENERGY STAR qualified products save your money by reducing energy cost and protecting the environment without sacrificing features or performance. Acer is proud to offer our customers products with the ENERGY STAR mark.

What is ENERGY STAR?

Products that are ENERGY STAR qualified use less energy and prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. Acer is committed to offering products and services worldwide that help customers save money, conserve energy and improve the quality of our environment. The more energy we can save through higher energy efficiency, the more we reduce greenhouse gases and the risks of climate change. More information refers to
www.energystar.gov or **www.energystar.gov/powermanagement**.

Acer ENERGY STAR qualified products: (only for certain models)

- Produce less heat and reduce cooling loads, and warmer climates.
- Automatically go into "display sleep" and "computer sleep" mode after 10 and 30 minutes of inactivity respectively.
- Wake the computer from sleep mode by pushing keyboard or moving mouse.
- Computers will save more than 80% energy at "sleep" mode.

ENERGY STAR is only available for certain models and have the ENERGY STAR certification mark on the palm rest.

ENERGY STAR and the ENERGY STAR mark are registered U.S. marks

Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- Numbness, or a burning or tingling sensation.
- Aching, soreness or tenderness.

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- Pain, swelling or throbbing.
- Stiffness or tightness.
- Coldness or weakness.

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- Refrain from staying too long in one fixed posture.
- Avoid slouching forward and/or leaning backward.
- Stand up and walk around regularly to remove the strain on your leg muscles.
- Take short rests to relax your neck and shoulders.
- Avoid tensing your muscles or shrugging your shoulders.
- Install the external display, keyboard and mouse properly and within comfortable reach.
- If you view your monitor more than your documents, place the display at the center of your desk to minimize neck strain.

Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.

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- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
  - placing your display in such a way that the side faces the window or any light source
  - minimizing room light by using drapes, shades or blinds
  - using a task light
  - changing the display's viewing angle
  - using a glare-reduction filter
  - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources for extended periods of time.

Developing good work habits

The following work habits make computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.

Warning! We do not recommend using the computer on a couch or bed. If this is unavoidable, work for only short periods, take breaks regularly, and do some stretching exercises.

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English

Regulations and safety notices

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

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Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

Hereby, Acer, declares that this notebook PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian regulatory certification

ME61

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

Radio device regulatory notice

Note: Below regulatory information is for models with wireless LAN and / or Bluetooth only.

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English

General

To prevent radio interference to the licensed service, this device is intended to be operated indoors.

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

European Union (EU)

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- Article 3.1(a) Health and Safety
  - EN60950-1
  - EN62311
- Article 3.1(b) EMC
  - EN301 489-1
- Article 3.2 Spectrum Usages
  - EN300 328
  - EN301 893 (Applicable to 5 GHz high performance RLAN)

List of applicable countries

EU member states as of July 2009 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom, Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus, Malta, Bulgaria and Romania. Usage is allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use. Please see **ec.europa.eu/enterprise/rtte/implem.htm** for the latest country list.

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The FCC RF safety requirement

The radiated output power of the wireless LAN Mini PCI Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the notebook PC series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

1. This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.
2. High power radar is allocated as the primary user of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.
3. An improper installation or unauthorized use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

Canada — Low-power license-exempt radio communication devices (RSS-210)

Exposure of humans to RF fields (RSS-102)

The computer employs low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website at www.hc-sc.gc.ca/rpb. This device complies with RSS210 of Industry Canada.

This Class B digital apparatus complies with Canadian ICES-003, Issue 4, and RSS-210, No 4 (Dec 2000) and No 5 (Nov 2001).

"To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing." Cet appareil numérique de la classe B est conforme à la norme NMB-003, No. 4, et CNR-210, No 4 (Dec 2000) et No 5 (Nov 2001).

« Pour empêcher que cet appareil cause du brouillage au service faisant l'objet d'une licence, il doit être utilisé a l'intérieur et devrait être placé loin des fenêtres afin de fournir un écran de blindage maximal. Si le matériel (ou son antenne d'émission) est installé à l'extérieur, il doit faire l'objet d'une licence.

Caution: When using IEEE 802.11a wireless LAN, this product is restricted to indoor use due to its operation in the 5.15- to 5.25-GHz frequency range. Industry Canada requires this product to be used indoors for the frequency range of 5.15 GHz to 5.25 GHz to reduce the potential for harmful interference to co-channel mobile satellite systems. High power radar is allocated as the primary user of the 5.25 to 5.35 GHz and 5.65 to 5.85-GHz bands. These radar stations can cause interference with and/or damage to this device.

The maximum allowed antenna gain for use with this device is 6 dBi in order to comply with the E.I.R.P limit for the 5.25 to 5.35 and 5.725 to 5.85 GHz frequency range in point-to-point operation.

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